

Publikacje polarne Instytutu Geofizyki PAN indeksowane w bazie Web of Science Core Collection w latach 2007-2017

2007

Greuell, W., Kohler, J., Obleitner, F., **Głowacki, P.**, Melvold, K., Bernsen, E., Oerlemans, J., 2007. Assessment of interannual variations in the surface mass balance of 18 Svalbard glaciers from the Moderate Resolution Imaging Spectroradiometer/Terra albedo product, *Journal of Geophysical Research - Atmospheres*, 112(D7), D07105, IF 3.454

2008

Czuba, W., Grad, M., Guterch, A., Majdański, M., Malinowski, M., Mjelde, R., **Moskalik, M., Środa, P.**, Wilde-Piórko, M., Nishimura Y. 2008. Seismic crustal structure along the deep transect Horsted'05, Svalbard, *Polish Polar Research* 29(3), 279-290, IF 0.636

Majdański, M., Środa, P., Malinowski, M., Czuba, W., Grad, M., Guterch, A., Hegedus, E., 2008. 3D seismic model of the uppermost crust of the Admiralty Bay area, King George Island, West Antarctica, *Polish Polar Research*, 29(4), 303-318, IF 0.636

Szlachta, K., **Michalski, K.**, Brzózka, K., Górka, B., Gałazka-Friedman, J., 2008, Comparison of Magnetic and Mössbauer Results Obtained for Palaeozoic Rocks of Hornsund, Southern Spitsbergen, Arctic, *Acta Physica Polonica A*, 114(6), 1675-1682, IF 0.469

2009

Benn, D., Gulley, J., Luckman, A., Adamek, A., **Głowacki, P.**, 2009. Englacial drainage systems formed by hydrologically driven crevasse propagation, *Journal of Glaciology*, 55, 513-523, IF 3.643

Hole, L.R., Christensen, J. H., Ruoho-Airola, T., Tørseth, K., Ginzburg, V., **Głowacki, P.**, 2009. Past and future trends in concentration of sulphur and nitrogen compounds in the Arctic, *Atmospheric Environment*, 43, 928-939, IF 3.629

2010

Pirli, M., Schweitzer, J., Ottemöller, L., Raesi, M., Mjelde, R., Atakan, K., **Guterch, A.**, Gibbons, S.J., Paulsen, B., **Dębski, W., Wiejacz, P.**, Kværna, T., 2010. Preliminary Analysis of the 21 February 2008 Svalbard (Norway) Seismic Sequence, *Seismological Research Letters*, 81(1), 63-75, IF 3.275

Witkowski, A., **Głowacki, P.**, 2010. A Record of Pink Salmon, *Oncorhynchus Gorbuscha* (Actinopterygii, Salmoniformes, Salmonidae), in the Revelva River, Hornsund Area (SW Spitsbergen), *Acta Ichthyologica et Piscatoria*, 40(1), 87-89, IF 0.670

2011

Czuba, W., Grad, M., Mjelde, R., **Guterch, A.**, Libak, A., Krüger, F., Murai, Y., Schweitzer, J., 2011. Continent - ocean transition across a trans-tensional margin segment: off Bear Island, Barents Sea, *Geophysical Journal International*, 184(2), 541-554, IF 2.414

Grabiec, M., **Puczko, D.**, Budzik, T., Gajek, G., 2011. Snow distribution patterns on Svalbard glaciers derived from radio-echo soundings, *Polish Polar Research*, 32(4), 393-421, IF 0.636

Luks, B., Osuch, M., Romanowicz, R.J., 2011. The relationship between snowpack dynamics and NAO/AO indices in SW Spitsbergen, *Physics and Chemistry of the Earth* 13, 646-654, IF 1.426

Moller, M., Moller, R., Beaudon, E., Mattila, O.-P., Finkelnburg, R., Braun, M., Grabiec, M., Jonsell, U., **Luks, B., Puczko, D.**, Scherer, D., Schneider, C., 2011. Snowpack characteristics of Vestfonna and De Geerfonna (Nordaustlandet, Svalbard) - a spatiotemporal analysis based on multiyear snow-pit data, *Geografiska Annaler: Series A, Physical Geography* 93, 273-285, IF 1.302

Yegorova, T. , Bakhmutov, V. , **Janik, T., Grad, M.**, 2011. Joint geophysical and petrological models for the lithosphere structure of the Antarctic Peninsula continental margin, *Geophysical Journal International*, 184, 90-110, IF 2.414

2012

Herman, A., **Głowacki, O.**, 2012. Variability of sea ice deformation rates in the Arctic, *Cryosphere*, 6, 1553-1559, IF 4.803

Michalski, K., Lewandowski, M., Manby, G., 2012. New palaeomagnetic, petrographic and Ar-40/Ar-39 data to test palaeogeographic reconstructions of Caledonide Svalbard. *Geological Magazine*, 149, 4, 696-721, IG 1.965

Grabiec, M., Jania J., **Puczko D.**, Kolondra L., Budzik T. 2012. Surface and bed morphology of Hansbreen, a tidewater glacier in Spitsbergen. *Polish Polar Research* 38(2), 111-138, IF 0.636

Grabiec, M., Budzik, T., **Głowacki, P.**, 2012. Modelling and Hindcasting of the Mass Balance of Werenskioldbreen (Southern Svalbard). *Arctic, Antarctic, and Alpine Research*, 44(2), 164-179, IF 1.782

Grad, M., Mjelde, R., **Czuba, W., Guterch, A.**, 2012. Elastic properties of seafloor sediments from the modelling of amplitudes of multiple water waves recorded on the seafloor off Bear Island, North Atlantic, *Geophysical Prospecting*, 60, 855-869, IF 1.846

Gulley, J. D., Grabiec M., Martin J. B., Jania J., Catania G., **Głowacki P.**, 2012. The effect of discrete recharge by moulins and heterogeneity in flow-path efficiency at glacier beds on subglacial hydrology. *Journal of Glaciology* 58(211), 926-940. IF 3.643

Kleimenova, N.G., Kozyreva, O.V., **Kubicki, M., Odzimek, A.**, 2012. Variations in the near-surface atmospheric electric field at high latitudes and ionospheric potential during geomagnetic perturbations, *Geomagnetism and Aeronomy*, 52(5), 629-638, IF 0.482

Kleimenova, N.G., Kozyreva, O.V., **Kubicki, M., Odzimek, A.**, L. M. Malysheva, 2012. Effect of substorms in the Earth's nightside sector on variations in the surface atmospheric electric field at polar and equatorial latitudes, *Geomagnetism and Aeronomy*, 52(4), 467-473, IF 0.482

Moskalik, M., Pastusiak, T., Tęgowski, J., 2012. Multibeam bathymetry and slopes stability of Isvika Bay, Murchisonfjorden, Nordaustlandet, *Marine Geodesy* 35(4), 389-398, IF 1.000

2013

- Czuba, W.**, 2013. Seismic View on the Svalbard Passive Continental Margin. *Acta Geophysica*, 61(5), 1088-1100, IF 0.968
- Krysiński, L., Grad, M., Mjelde, R., **Czuba, W.**, **Guterch, A.**, 2013. Seismic and density structure of the lithosphere - asthenosphere system along transect Knipovich Ridge – Spitsbergen - Barents Sea - geological and petrophysical implications, *Polish Polar Research*, 34(2), 111-138, IF 0.636
- Kleimenova, N., Kozyreva, O.V., **Michnowski, S.**, **Kubicki, M.**, 2013. Influence of geomagnetic disturbances on atmospheric electric field (Ez) variations at high and middle latitudes. *Journal of Atmospheric and Solar-Terrestrial Physics.*, 99, 117-122, IF 1.326
- Moskalik, M.**, **Grabowiecki, P.**, Tęgowski, J., Żulichowska, M., 2013. Bathymetry and geographical regionalization of Brepollen (Hornsund, Spitsbergen) based on bathymetric profiles interpolations. *Polish Polar Research*, 34(1), 1-22, IF 0.636
- Dolnicki, P., Grabiec, M., **Puczko, D.**, Gawor, Ł., Budzik, T., Klementowski, J., 2013. Variability of temperature and thickness of permafrost active layer at coastal sites of Svalbard. *Polish Polar Research* 34(4), 353-374, IF 0.636
- Lapazaran, J., **Pętlicki, M.**, Navarro, F., Machío, F., **Puczko, D.**, **Głowacki, P.**, Nawrot, A., 2013. Ice volume changes (1936-1990-2007) and ground-penetrating radar studies of Ariebreen, Hornsund, Spitsbergen, *Polar Research*, 32, 11068, IF 2.146

2014

- Moskalik, M.**, Błaszczuk, M., Jania, J., 2014. Statistical analysis of Brepollen bathymetry as a key to determine average depths on a glacier foreland, *Geomorphology*, 206, 262-270, IF 2.958
- Nickolaenko, A.P. , Schekotov, A.Yu., Hayakawa, M., Hobara, Y., Satori, G., Bor, J., **Neska, M.**, 2014. ,Multi-point detection of the ELF transient caused by the gamma flare of December 27, 2004, *Radiophysics and Quantum Electronics*,57(2), 125-140. IF 1.063
- Navarro, F.J., Martin-Espanol, A., Lapazaran, J.J., Grabiec, M., Otero, J., Vasilenko, E.V., **Puczko, D.**,2014. Ice volume estimates from ground-penetrating radar surveys, Wedel Jarlsberg Land glaciers, Svalbard. *Arctic Antarctic and Alpine Research*, 46(2), 394-406, IF 1.782
- Przybylak, R., Arażny, A., Nordli, O., Finkelnburg, R., Kejna, M., Budzik, T., Migąła, K., Sikora, S., **Puczko, D.**, Rymer, K., Rachlewicz, G., 2014. Temperature gradients on Svalbard during one year with campaign measurements, *International Journal of Climatology*, 34(14), 3702-3719. IF 3.76
- Deane, G.B., **Głowacki, O.**, Tęgowski, J., **Moskalik, M.**, Blondel, P., 2014. Directionality of the ambient noise field in an Arctic, glacial bay. *Journal of the Acoustical Society of America*, 136, EL350, IF 1.547
- Janik, T.**, Grad, M., **Guterch, A.**, **Środa, P.**, 2014. The deep seismic structure of the Earth's crust along the Antarctic Peninsula - A summary of the results from Polish geodynamical expeditions, *Global and Planetary Change*, 123, 213-222, IF 3.915

Ojala, A.E.K., Salonen, V-P., **Moskalik, M.**, Kubischta, F., Oinonen, M., 2014. Holocene sedimentary environment of a High-Arctic fjord in Nordaustlandet, Svalbard. *Polish Polar Research* 35(1), 73-98, IF 0.636

Moskalik, M., Błaszczuk, M., Jania, J., 2014. Statistical analysis of Brepollen bathymetry as a key to determine average depth on a glacier foreland, *Geomorphology*, 206, 262-270, IF 2.958

Moskalik, M., Tęgowski, J., **Grabowiecki, P.**, Żulichowska, M., 2014. Principal Component and Cluster Analysis for determining diversification of bottom morphology based on bathymetric profiles from Brepollen (Hornsund, Spitsbergen), *Oceanologia*, 56(1), 59-84, IF 1.500

Owczarek P., **Nawrot A.**, Migala K., Malik I., Korabiewski B., 2014. Floodplain responses to contemporary climate change in small High-Arctic basins (Svalbard, Norway), *Boreas*, 43(2), 384-402, IF 2.348

Bloch M., Karasiński G., 2014. Water Vapour Mixing Ratio Profiles over Hornsund, Arctic. Intercomparison of Lidar and AIRS Results, *Acta Geophysica* 62(2), 290-301, IF 0.968

Karasiński, G., Posyniak M., **Bloch, M., Sobolewski, P.**, Małarzewski, Ł., Soroka, J., 2014. Lidar observations of volcanic dust over Polish Polar Station at Hornsund after eruptions of Eyjafjallajökull and Grímsvötn, *Acta Geophysica*, 62(2), 316-339, IF 0.968

2015

Mansutti, D., Bucchignani, E., Otero, J., **Głowacki, P.**, 2015. Modeling and numerical sensitivity study on the conjecture of a subglacial lake at Amundsenisen, Svalbard. *Applied Mathematical Modelling*, 39(15), 4266-4284, IF 2.350

Zagórski, P., Rodzik, J., **Moskalik, M.**, Strzelecki, M.C., Lim, M., Błaszczuk, M., Promińska, A., Kruszewski, G., Styszyńska, A., Malczewski, A., 2015. Multidecadal (1960–2011) shoreline changes in Isbjørnhamna (Hornsund, Svalbard), *Polish Polar Research*, 36/4, 369–390, IF 0.636

Kidawa, D., Jakubas, D., Wojczulanis-Jakubas, K., Stempniewicz, L., Trudnowska, E., Boehnke, R., **Keslinka-Nawrot, L.**, Błachowiak-Samołyk, K., 2015. Parental efforts of an Arctic seabird, the little auk *Alle alle*, under variable foraging conditions. *Marine Biology Research* 11(4), 349-360, IF 1.161

Głowacki, O., Deane, G.B., **Moskalik, M.**, Blondel, P., Tęgowski, J., Błaszczuk, M. 2015. Underwater acoustic signatures of glacier calving. *Geophysical Research Letters*, 42, 3, 804-812, IF 4.253

Pętlicki, M., Ciepły, M., Jania, J., Promińska, A., Kinnard, C., 2015. Calving of a tidewater Glacier driver by melting at the waterline, *Journal of Glaciology*, 61, 229, 851-863. IF 3.643

Wegner, C., Bennett, K.E., de Vernal, A., Forwick, M., Fritz, M., Heikkilä, M., Łacka, M., Lantuit, H., Laska, M., **Moskalik, M.**, O'Regan, M., Pawłowska, J., Promińska, A., Rachold, V., Vonk, J.E., Werner, K., 2015. Variability in transport of terrigenous material on the shelves and the deep Arctic Ocean during the Holocene, *Polar Research*, 34, 1-19, IF 2.146

Zagórski, P., Rodzik, J., **Moskalik, M.**, Strzelecki, M., Lim, M., Błaszczuk, M., Romińska, A., Kruszewski, G., Styczyńska, A., Malczewski, A., 2015. Multidecadal (1960–2011) shoreline changes in Isbjørnhamna (Hornsund, Svalbard). *Polish Polar Research*, 36, 4, 369–390. IF 0.636

Kozak, K., Koziół, K., **Luks, B.**, Chmiel, S., Ruman, M., Marć, M., Namieśnik, J., Polkowska, Ż., 2015. The role of atmospheric precipitation in introducing contaminants to the surface waters of the Fuglebekken catchment, Spitsbergen, *Polar Research*, 34, 24207, IF 2.146

Głowacki, O., Deane, G.B., **Moskalik, M.**, Tęgowski, J., Blondel, P., 2015. Two-element acoustic array gives insight into ice-ocean interactions in Hornsund Fjord, Spitsbergen. *Polish Polar Research* 36(4), 355-367, IF 0.636

Staszek, M., **Moskalik, M.**, 2015. Contemporary sedimentation in the forefield of Hornbreen, Hornsund. *Open Geosciences*, 7(1), 490-512, IF 0.475

Zagórski, P., Rodzik, J., **Moskalik, M.**, Strzelecki, M.C., Lim, M., Błaszczuk, M., Promińska, A., Styczyńska, A., Malczewski, A., 2015. High Arctic coastal erosion: multidecadal (1960-2011) shoreline changes in Isbjørnhamna (Hornsund, Svalbard), *Polish Polar Research*, 36(4), 369-390, IF 0.636

Dragon, K., Marciniak, M., Szpikowski, J., Szpikowska, G., **Wawrzyniak, T.**, 2015. The hydrochemistry of glacial Ebba River (Petunia Bay, Central Spitsbergen): Groundwater influence on surface water chemistry. *Journal of Hydrology*, 529, 1499-1510, IF 3.483

Tomasi, C., Kokhanovsky, A.A., Lupi, A., Ritter, C., Smirnov, A., O'Neill, N.T., Stone, R.S., Holben, B.N., Nyeki, S., Wehrli, C., [...], Mei, L., Istomina, L., Wagener, R., McArthur, B., **Sobolewski, P.S.**, Kivi, R., Courcoux, Y., Larouche, P., Broccardo, S., Piketh, S.J., 2015. Aerosol remote sensing in polar regions, *Earth-Science Reviews*, 140, 108-157, IF 7.051

2016

Aas, K.S., Dunse, T., Collier, E., Schuler, T.V., Berntsen, T.K., Kohler, J., **Luks, B.**, 2016. The climatic mass balance of Svalbard glaciers: a 10-year simulation with a coupled atmosphere-glacier mass balance model, *The Cryosphere*, 10, 1089-1104, IF 4.803

van Pelt, W.J.J., Kohler, J., Liston, G.E., Hagen, J.O., **Luks, B.**, Reijmer, C.H., Pohjola, V.A., 2016. Multi-decadal climate and seasonal snow conditions in Svalbard, *Journal of Geophysical Research: Earth Surface*, 121, IF 3.318

Kubicki M., **Odzimek A.**, **Neska M.**, **Berlinski J.**, **Michnowski M.**, 2016, First Measurements of the Earth's Electric Field at the Arctowski Antarctic Station, King George Island, by the New Polish Atmospheric Electricity Observation Network, *Acta Geophysica*, 64(6), 2630-2649, IF 0.968

Mansutti, D., Bucchignani, E., **Głowacki, P.**, 2016. Numerical validation of the conjecture of a subglacial lake at Amundsenisen, Svalbard. *Applied Mathematical Modelling*, 40(17-18), 7615-7626. IF 2.350

Möller, M., Obleitner, F., Reijmer, C.H., Pohjola, V., **Głowacki, P.**, Kohler, J., 2016. Adjustment of regional climate model output for modeling the climatic mass balance of all glaciers on Svalbard, *Journal of Geophysical Research - Atmospheres*, 121(10), 5411-5429, IF 3.318

Mansutti, D., Bucchignani, E., **Głowacki, P.**, 2016. A numerical algorithm for the assessment of the conjecture of a subglacial lake tested at Amundsenisen, Svalbard. *Rendiconti Lincei - Scienze Fisiche e Naturali*, 27(1), 173-182, IF 0.693

Zawierucha K., Ostrowska M., Vonnahme T.R., Devetter M., **Nawrot A.**, Lehmann S., Kolicka M., 2016. Diversity and distribution of Tardigrada in Arctic cryoconite holes, *Journal of Limnology*, 75(3), 545-559, IF 1.451

Kozak, K., Polkowska, Ż., Stachnik, L., **Luks, B.**, Chmiel, S., Ruman, M., Lech, D., Koziół, K., Tsakovski, S., Simeonov, V., 2016. Arctic catchment as a sensitive indicator of the environmental changes- distribution and migration of metals (Svalbard), *International Journal of Environmental Science and Technology*, 13(12), 2779-2796, IF 1.915

Laska, M., **Luks, B.**, Budzik, T., 2016, Influence of snowpack internal structure on snow metamorphism and melting intensity on Hansbreen, Svalbard, *Polish Polar Research*, 37(2), 193-218. IF 0.636

Okoń J., Gizejewski J., Janik T., 2016. New geological interpretation of multi-channel seismic profiles from the Pacific Margin of the Antarctic Peninsula, *Polish Polar Research*, 37(2), 243-268, IF 0.636

Nicholson, L.I., **Pętliski, M.**, Partan, B., MacDonell, S., 2016. 3-D surface properties of glacier penitentes over an ablation season, measured using a Microsoft Xbox Kinect, *Cryosphere*, 10, 1897-1913, IF 4.803

Vikhamar-Schuler, D., Isaksen, K., Haugen, J.E., Tømmervik, H., **Luks, B.**, Schuler, T.V., Bjerke, J.W., 2016. Changes in winter warming events in the Nordic Arctic Region, *Journal of Climate*, 29(17), 6223-6244, IF 4.161

Osuch, M., Wawrzyniak, T., 2016. Climate projections in the Hornsund area, Southern Spitsbergen, *Polish Polar Research* 37(3), 379-402, IF 0.636

Osuch, M., Wawrzyniak, T., 2016. Inter- and intra-annual changes of air temperature and precipitation in western Spitsbergen, *International Journal of Climatology*, 37(7), 3082-3097, IF 3.760

Wawrzyniak, T., Osuch, M., Napiórkowski, J.J., Westermann, S., 2016. Modelling of the thermal regime of permafrost during 1990–2014 in Hornsund, Svalbard, *Polish Polar Research* 37(2), 219–242, IF 0.636

Stachnik, Ł., Yde, J.C., **Kondracka, M., Ignatiuk, D., Grzesik, M.**, 2016. Glacier naled evolution and relation to the subglacial drainage system based on water chemistry and GPR surveys (Werenskioldbreen, SW Svalbard), *Annals of Glaciology* 57(72), 19-30, IF 2.349

Stachnik, Ł., Majchrowska, E., Yde, J.C., **Nawrot, A.**, Cichała-Kamrowska, K., Ignatiuk, D., Piechota, A., 2016. Chemical denudation and the role of sulfide oxidation at Werenskioldbreen, Svalbard, *Journal of Hydrology*, 538, 177-193, IF 3.483

Nawrot, A., Migala, K., **Luks, B.**, Pakszys, P., **Głowacki, P.**, 2016. Chemistry of snow cover and acidic snowfall during a season with a high level of air pollution on the Hans Glacier, Spitsbergen, *Polar Science*, 10, 249-261, IF 1.118

Głowacki, O., Moskalik, M., Deane, G. B., 2016. The impact of glacier meltwater on the underwater noise field in a glacial bay,. *Journal of Geophysical Research: Oceans*, 121, IF 3.318

Kubicki, M., Odzimek, A., Neska, M., 2016. Relationship of ground-level aerosol concentration and atmospheric electric field at three observation sites in the Arctic, Antarctic and Europe, *Atmospheric Research*, 178-179, 329-346, IF 3.778

Dudzisz, K., Junosza-Szaniawski, R., Michalski, K., Geoffrey, M., 2016. Applying the anisotropy of magnetic susceptibility technique to the study of the tectonic evolution of the West Spitsbergen Fold-and-Thrust Belt. *Polar research*, 35, IF 2.146

Pętllicki, M., Kinnard, C., 2016. Calving of Fuerza Aérea Glacier (Greenwich Island, Antarctica) observed with terrestrial laser scanning and continuous video monitoring, *Journal of Glaciology*, 62(235), 835-846, IF 3.643

2017

Wawrzyniak, T., Osuch, M., Nawrot, A., Napiórkowski, J., 2017. Run-off modelling in an Arctic unglaciated catchment (Fuglebekken, Spitsbergen). *Annals of Glaciology*, 58(75), 36-46, IF 2.349

Gajek, W., Trojanowski, J., Malinowski, M., 2017. Automating long-term glacier dynamics monitoring using single-station seismological observations and fuzzy logic classification: a case study from Spitsbergen. *Journal of Glaciology*, 63(240), 581-592, IF 3.643

Szilo, J., Bialik, R., 2017. Bedload transport in two creeks at the ice-free area of the Baranowski Glacier, King George Island, West Antarctica. *Polish Polar Research* 38, 21–39. IF 0.636

Michalski, K., Manby, G., Nejbort, K., Domańska-Siuda, J., **Burzyński, M.,** 2017. Using palaeomagnetic and isotopic data to investigate late to post-Caledonian tectonothermal processes within the Western Terrane of Svalbard. *Journal of the Geological Society*, 174, 572-590, IF 3.037

Pętllicki, M., Szilo, J., MacDonell, S., Vivero, S., **Bialik, R.,** 2017. Recent Deceleration of the Ice Elevation Change of Ecology Glacier (King George Island, Antarctica). *Remote Sensing*, 9, 520, IF 3.244

Burzyński, M., Michalski, K., Nejbort, K., Domańska-Siuda, J., Manby, G., 2017. High-resolution mineralogical and rock magnetic study of ferromagnetic phases in metabasites from Oscar II Land, Western Spitsbergen—towards reliable model linking mineralogical and palaeomagnetic data. *Geophysical Journal International*, 210, 390–405. IF 2.414

Lewandowski, M., Kusiak, M.A., Michalczyk, Ł., Szmigiel, D., Sledziwska-Gojska, E., Barzycka, B., **Wawrzyniak, T., Luks, B.,** Thordarson, T., Wilde, S.A., Hoskuldsson, A., 2017. Message in a stainless steel bottle thrown into deep geological time, *Gondwana Research*, 52, 139–141, IF 6.659

Kępski, D., Luks, B., Migąła, K., **Wawrzyniak, T.,** Westermann, S., Wojtuń, B., 2017. Terrestrial Remote Sensing of Snowmelt in a Diverse High-Arctic Tundra Environment Using Time-Lapse Imagery, *Remote Sensing*, 9(7), 733, IF 3.244

Laska, M., Barzycka, B., **Luks, B.**, 2017. Melting Characteristics of Snow Cover on Tidewater Glaciers in Hornsund Fjord, Svalbard, *Water*, 9(10), 804, IF 1.832

Mankoff, K.D., Gulley, J.D., Tulaczyk, S.M., Covington, M.D., Liu, X., Chen, Y., Benn, D.I., **Głowacki, P.**, 2017. Roughness of a subglacial conduit under Hansbreen, Svalbard, *Journal of Glaciology*, 63(239), 423-435, IF 3.643

Osuch, M., Wawrzyniak, T., 2017. Variations and changes in snow depth at meteorological stations Barentsburg and Hornsund (Spitsbergen), *Annals of Glaciology*, 58(75), 11-20, IF 2.349

Arażny, A., Przybylak, R., Wszyński, P., **Wawrzyniak, T., Nawrot, A.**, Budzik, T., 2017. Spatial variations in air temperature and humidity over Hornsund fjord (Spitsbergen) from 1 July 2014 to 30 June 2015, *Geografiska Annaler: Series A, Physical Geography*, 100:1, 27-43, IF 1.609

Osuch, M., Wawrzyniak, T., 2017. Inter- and intra-annual changes of air temperature and precipitation in western Spitsbergen. *International Journal of Climatology*. 37(7), 3082-3097, IF 3.76

Czuba, W., 2017. 3-D seismic tomographic modelling of the crustal structure of northwestern Svalbard based on deep seismic soundings, *Geophysical Journal International*, 208, 508–520, IF 2.414

Kozak, K., Ruman, M., Kosek, K., **Karasiński, G.**, Stachnik, Ł., Polkowska, Ż., 2017. Impact of Volcanic Eruptions on the Occurrence of PAHs Compounds in the Aquatic Ecosystem of the Southern Part of West Spitsbergen (Hornsund Fjord, Svalbard), *Water*, 9, 42, IF 1.832

Maciejczyk, M., **Arażny, A.**, Opyrchał, M., 2017. Changes in aerobic performance, body composition, and physical activity in polar explorers during a year-long stay at the polar station in the Arctic, *International Journal of Biometeorology*, 61, 669, IF 2.204

Kleimenova, N. G., **Kubicki, M., Odzimek, A.**, Malysheva, L. M., and Gromova, L. I. 2017. Effects of geomagnetic disturbances in daytime variations of the atmospheric electric field in polar regions. *Geomagnetism and Aeronomy*, 57, 266–273. IF 0.482